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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/822,162	04/12/2004	Romeo L. Manalo		2754

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EXAMINER
BENTON, JASON

ART UNIT PAPER NUMBER

3747

DATE MAILED: 05/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Re: Application NO: 10/822,162
Applicant: Romeo L. Manalo
Title: DEVICE FOR REFORMING, etc.
Examiner: Jason Benton
Art Unit: 3747

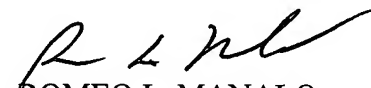
Sir:

This has reference to the above-identified application.

Applicant would like to request for a reconsideration regarding the rejection raised by the Examiner for the present application in view of the following reasons:

- a) That the present invention does not utilize a casing having a mixing means that includes a mixing chamber having a mechanical driven impeller and an impeller mixing chamber outlet tube with filter;
- b) That there is no disclosure in the prior art wherein the emitter is disposed within the treatment chamber in a manner wherein it is defining a first and second chamber sections, each having predetermined volumetric area suitable of providing ample space for complete dissociation of gas vapor ions, and a plurality of gas vapor passages provided on said emitter;
- c) That the prior art utilize liquid solution, such as distilled or filtered water, alcohol and turpentine solution, being mixed with hydrocarbon to form a gaseous mixture, which is then fed to the combustion chamber, whereas the present invention employs direct reforming of intake air and gas vapor from the positive crankcase and fuel tank vents without such solution;
- d) That the prior ionizer circuits claims to utilize output power of 1,000 to 30,000 negative volts without any specific citation or sufficient disclosure regarding the significance of employing a voltage capacity of 5KV and approximately 7KV of electromotive force. The citation of such output range of 1,000 to 30,000 appears to be broad and insufficient in disclosure, since it does not provide a complete detail that would provide a complete understanding of the effects of the apparatus within the range;
- e) That the present invention is very simple in structure as compared to the prior art and yet can effectively perform its intended function of reforming into highly potent hydrocarbon gas vapor, thereby improving engine performance and increased engine power.

In view thereof, it is believed that the present invention is very different from the prior art and it is most respectfully prayed that this application be given favorable consideration


ROMEO L. MANALO
Inventor 7/24/05